|  |                                       |                 |                         |               |                 |  |   |          |                |          |          |          | 09/449,575   |           |               |                |           |          |         |              |          | PAN, JIN-YI |            |                        |          |          |          |                   |          |          |   |           |   |
|--|---------------------------------------|-----------------|-------------------------|---------------|-----------------|--|---|----------|----------------|----------|----------|----------|--------------|-----------|---------------|----------------|-----------|----------|---------|--------------|----------|-------------|------------|------------------------|----------|----------|----------|-------------------|----------|----------|---|-----------|---|
|  |                                       |                 |                         |               |                 |  |   |          |                |          |          | Examiner |              |           |               |                |           |          |         |              |          | Art Unit    |            |                        |          |          |          |                   |          |          |   |           |   |
|  |                                       |                 |                         |               |                 |  |   |          |                |          |          |          | Dzung D Tran |           |               |                |           |          |         |              |          |             | 2633       |                        |          |          |          |                   |          |          |   |           |   |
|  |                                       |                 |                         |               |                 | $\neg$   |   |          |                |          |          |          |              |           |               | 7              | Г         | Т        |         |              |          |             |            |                        |          |          |          |                   |          | $\neg$   |   |           |   |
|  | √ Rejected — (Through numer Cancelled |                 |                         |               |                 |  |   |          |                |          |          |          | er:          | al)       | N Non-Elected |                |           |          |         |              | A        | Appeal      |            |                        |          |          |          |                   |          |          |   |           |   |
|  | = Allowed                             |                 |                         |               |                 | ÷ Restricted   |   |          |                |          |          |          |              |           | ı             | Interference C |           |          |         | 0            | Objected |             |            |                        |          |          |          |                   |          |          |   |           |   |
|  |                                       |                 |                         |               |                 |  |   | Ш        |                |          |          |          |              |           |               |                | L         | !_       |         |              |          | ,           |            | <u></u>                |          |          |          |                   |          |          |   |           |   |
|  | Cla                                   | Claim Date      |                         |               |                 | Claim  |   |          |                |          | Da       |          |              | ate       |               | <del></del>    |           |          | CI      | aim          |          | Date        |            |                        |          | _        |          |                   |          |          |   |           |   |
|  | Final                                 | Original        |                         |               |                 |  |   |          |                |          | Final    | Original |              |           |               |                |           |          |         |              |          | Final       | Original   |                        |          |          |          |                   |          |          |   |           |   |
|  | -                                     | 1               | ./<br> <br>             |               | +               |  | - | ╁        | :              | -        |          | 51       |              | $\dashv$  | +             | +              | +         | -        | +       | $\vdash$     |          |             | 101        |                        | -        | -        | -        | +                 | -        | _        |   |           |   |
|  |                                       | 2               |                         |               |                 |  |   |          |                |          |          | 52       |              |           |               |                | İ         |          |         |              |          |             | 102        |                        |          |          |          |                   |          |          |   |           |   |
|  |                                       | 3               | $\downarrow \downarrow$ |               | $\dashv$        | $\perp$  |   | Ш        | _ :            | 1        |          | 53       |              | _         |               | _              | _ _       | _        |         | ↓_           |          |             | 103        |                        | $\dashv$ | _        | _        | _                 | 4        |          | _ |           |   |
|  | $\vdash$                              | 5               | +                       | -             | +               | $\dashv$   | - | +-       |                | -        |          | 54<br>55 |              | -         | $\dashv$      | +              | +         | +        |         | <del> </del> |          |             | 104        | $\vdash$               | $\dashv$ | $\dashv$ | -        | $\dashv$          | -        |          |   |           |   |
|  |                                       | 6               | +                       | _             | +               | $\dashv$   |   | $\vdash$ | $\dashv$       | 1        |          | 56       |              |           | $\neg$        | -              | +         |          | -       | +            |          |             | 106        |                        | 7        | <u> </u> | 7        |                   | $\dashv$ |          |   |           |   |
|  |                                       | 7               |                         |               |                 |  |   |          |                |          |          | 57       |              |           |               |                | 1         |          |         |              |          |             | 107        |                        |          | $\Box$   |          | $\Box$            |          |          |   |           |   |
|  |                                       | 8               | 4                       | +             | +               |  |   | -        | Щ              | -        |          | 58       |              |           |               | +              | -         | +        | +       | 1            |          |             | 108        |                        |          | $\dashv$ | $\dashv$ | _                 | $\dashv$ | $\dashv$ |   |           |   |
|  |                                       | 9               | +                       | +             | +               | +  | + | $\vdash$ | :              | ···· -   |          | 59<br>60 |              | -         |               | +              | +         | +        | +       | $\vdash$     |          |             | 109<br>110 |                        |          | -+       | -        | -                 | $\dashv$ | -        |   | -         |   |
|  | -                                     | 11              | $\dagger$               |               | +               |  | + | $\vdash$ | Π.             | ٠,       |          | 61       |              | _         |               |                | +         | +        | +       |              | ::"      |             | 111        | $\Box$                 | $\dashv$ | 寸        | _        | $\dashv$          | 7        | _        | - |           |   |
|  |                                       | 12              |                         |               |                 |  |   |          |                |          |          | 62       |              |           |               |                |           |          |         |              |          |             | 112        |                        |          |          |          |                   |          |          |   |           |   |
|  |                                       | 13              | $\perp$                 |               |                 |  | _ | <u> </u> |                |          |          | 63       |              |           | _             | $\bot$         | _         | _        | 4-      | -            |          |             | 113        |                        |          | 4        | 4        | 4                 | _        |          |   | $\Box$    |   |
|  |                                       | 14<br>15        | H                       | +             | +               | $\dashv$   | + | ╄        |                | . }      |          | 64<br>65 |              |           | _             | +              | +         | +        |         | -            |          |             | 114<br>115 | $\left  \cdot \right $ | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$ | $\dashv$ |   | -         |   |
|  |                                       | 16              | Н                       |               | $\dashv \dashv$ | $\dashv$   | ╁ | ╁╌       |                |          |          | 66       | $\vdash$     | -         | +             | +              | +         | +        |         | +-           | i        |             | 116        |                        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$ | -        |   |           |   |
|  |                                       | 17              | П                       |               | $\top$          | $\dashv$   | + | $\vdash$ | Η.             |          |          | 67       | П            | _         | 一             | 1              | $\dagger$ | 7        |         | <del> </del> |          |             | 117        | П                      | $\dashv$ |          | T        | $\dashv$          | 寸        |          |   |           |   |
|  |                                       | 18              |                         |               |                 |  |   |          |                |          |          | 68       |              |           |               |                | 1         |          |         |              |          |             | 118        |                        |          |          |          |                   |          |          |   |           | , |
|  | <u> </u>                              | 19              | $\perp$                 |               |                 |  |   | $\vdash$ | Щ              | -        |          | 69       |              |           |               |                | 4         | +        | $\perp$ | -            |          | -           | 119        |                        |          | -        |          | -                 | $\dashv$ | _        |   | Н         |   |
|  |                                       | 20<br>21        | +                       |               |                 | -  |   | -        |                | -        |          | 70<br>71 | Н            |           | $\dashv$      |                | +         |          | +       | +            |          |             | 120<br>121 | $\vdash$               |          |          |          | +                 | $\dashv$ |          |   | $\vdash$  |   |
|  |                                       | 22              | +                       |               |                 | $\vdash$   | + | +        |                | 1        |          | 72       |              |           | 寸             | -              | +         | _        |         | -            |          |             | 122        | П                      | $\dashv$ | 一        | _        |                   |          |          | _ | $\vdash$  |   |
|  |                                       | 23              | I                       |               |                 |  |   |          |                |          |          | 73       |              |           |               |                |           |          |         |              |          |             | 123        |                        |          |          |          |                   |          |          |   |           |   |
|  |                                       | 24              | $\bot$                  |               | $\perp$         | $\perp$  | 4 | _        | $\square$      |          |          | 74       | Ш            |           |               |                | 4         | - -      |         | -            |          |             | 124        | Ш                      |          | _        | _        |                   | _        |          |   |           |   |
|  |                                       | 25<br>26        | +                       | -             | +               | -  | + | $\vdash$ |                | -        |          | 75<br>76 | -            | -         | +             | +              | +         |          | +       | +            |          |             | 125<br>126 |                        |          | -        | $\dashv$ | $\dashv$          | $\dashv$ | -        |   |           |   |
|  |                                       | 27              | +                       | +             | +               | $\dashv$   |   | $\vdash$ |                | ŀ        | -        | 77       |              | -         | -             | +              | +         | $\dashv$ |         |              |          |             | 127        | $\vdash$               |          |          | $\dashv$ | $\dashv$          | ┪        | $\dashv$ | _ | $\dashv$  |   |
|  |                                       | 28              |                         |               |                 |  |   |          | <u> </u>       | Ì        |          | 78       |              |           |               |                | T         |          |         |              |          |             | 128        |                        |          |          |          |                   |          |          |   |           |   |
|  |                                       | 29              |                         |               |                 |  |   | $\Box$   |                |          |          | 79       |              |           |               | $\perp$        |           |          | $\perp$ | $oxed{oxed}$ | ٠,       |             | 129        |                        |          |          |          |                   | $\Box$   | _        |   | Ш         |   |
|  |                                       | 30<br>31        | +                       |               |                 | -  |   | ┼        | <sup> </sup> . | F        |          | 80<br>81 | $\vdash$     |           |               |                | +         | +        |         | -            |          |             | 130<br>131 | $\vdash$               | -        | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$ |          |   |           |   |
|  |                                       | 32              | +                       | +             |                 | +  |   | +        | -              | 1        |          | 82       | $\vdash$     |           |               | +              | $^{+}$    | $\pm$    | +       | $\vdash$     |          |             | 132        | $\vdash$               |          |          |          | $\dashv$          |          | $\dashv$ |   | $\vdash$  |   |
|  |                                       | 33              |                         |               |                 |  |   |          |                |          |          | 83       |              |           |               |                | 1         |          |         |              |          |             | 133        |                        |          |          |          |                   |          |          |   |           |   |
|  |                                       | 34              | I                       |               |                 |  |   |          |                |          |          | 84       |              |           |               |                |           |          |         |              |          |             | 134        |                        |          |          |          |                   |          |          |   |           |   |
|  | -                                     | 35              |                         |               | -               | -  |   |          |                | -        |          | 85       | $\sqcup$     |           | _             | $\perp$        | 4         | -        |         |              |          |             | 135        | $\vdash$               | -        | $\dashv$ | $\dashv$ | $\dashv$          | 4        | _        | _ | $\square$ |   |
|  | -                                     | 36 <sub>.</sub> | V                       |               |                 |  |   | +-       |                | ╬        |          | 86<br>87 | $\vdash$     | $\dashv$  | $\dashv$      | +              | +         | +        | +-      | +-           |          |             | 136<br>137 |                        | $\dashv$ |          | +        | +                 | 1        | -        |   |           |   |
|  |                                       | 38              | *                       | $\neg \vdash$ | 1               |  |   | +-       |                | 1        |          | 88       | Н            |           | 7             | $^{\dagger}$   | $\dagger$ | +        | ╁       | $\vdash$     |          | -           | 138        |                        | 7        |          |          | 十                 | 1        |          |   | $\neg$    |   |
|  |                                       | 39              |                         |               |                 |  |   |          |                |          |          | 89       |              |           |               |                |           |          |         |              |          |             | 139        |                        |          |          |          |                   |          |          |   |           |   |
|  |                                       | 40              |                         |               |                 |  |   | $\sqcup$ | _              | -        |          | 90       |              |           | _             | _              | 4         | _        | $\perp$ |              |          |             | 140        |                        | _        |          | 4        | _                 | _        |          |   | $\square$ |   |
|  | <u> </u>                              | 41<br>42        |                         |               |                 |  | + |          | $\dashv$       | -: -     |          | 91<br>92 | $\square$    | _         | •             | +              | +         | -        | +       |              | :::      | <u> </u>    | 141<br>142 |                        |          |          | $\dashv$ | +                 | $\dashv$ | $\dashv$ |   | $\dashv$  |   |
|  |                                       | 43              |                         |               | +               |  | + |          | $\dashv$       | $\vdash$ |          | 93       |              |           | -             | $\dashv$       | +         | +        | +       | $\vdash$     |          |             | 143        |                        | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$          | $\dashv$ | $\dashv$ |   | $\dashv$  |   |
|  |                                       | 44              |                         |               |                 |  |   |          |                |          |          | 94       |              |           |               |                |           |          |         |              |          |             | 144        |                        |          |          |          |                   |          |          |   |           |   |
|  |                                       | 45              | $\Box$                  | $\bot$        | $\bot \Box$     | $\bot$   |   | $\Box$   |                |          |          | 95       | Ц            | $\exists$ | $\dashv$      | $\perp$        | $\bot$    |          | $\bot$  | $oxed{\Box}$ |          |             | 145        | П                      | _]       | $\bot$   | 4        | _[                | _]       | $\Box$   |   |           |   |
|  |                                       | 46<br>47        |                         | -             | $\dashv$        | +  | + | $\vdash$ |                |          | -        | 96<br>97 | -            | $\dashv$  | $\dashv$      | +              | +         | +        | +       | +            |          | <u> </u>    | 146<br>147 | $\vdash \vdash$        | -        |          | +        | $\dashv$          |          | $\dashv$ |   | $\dashv$  |   |
|  |                                       | 48              |                         | $\dashv$      | +               |  | + | $\vdash$ |                | ŀ        | $\dashv$ | 98       |              |           | -             |                | +         | +        | +       | -            |          |             | 148        |                        | -        | +        | $\dashv$ | $\dashv$          | $\dashv$ | $\dashv$ |   | Н         |   |
|  |                                       | 49              |                         |               |                 | 士  | 工 |          |                | ı        |          | 99       |              |           |               | 丁              | 士         |          | 上       |              |          |             | 149        |                        |          |          |          |                   |          |          |   |           |   |
|  |                                       | 50              |                         |               |                 | $\perp \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ |   |          |                |          |          | 100      |              |           |               |                |           |          |         |              |          |             | 150        |                        |          | _[_      |          | $oldsymbol{\bot}$ |          |          |   |           |   |
|  |                                       |                 |                         |               |                 |  |   |          |                |          |          |          |              |           |               |                |           |          |         |              |          |             |            |                        |          |          |          |                   |          |          |   |           |   |

Application No.

Index of Claims

Applicant(s)